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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2010; month=8; day=6; hr=7; min=56; sec=29; ms=677;]

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Reviewer Comments:

1.

A.

W112	Upper case found in data; Found at position(0)	SeqId(1)
W112	Upper case found in data; Found at position(1)	SeqId(1)
W112	Upper case found in data; Found at position(2)	SeqId(1)
W112	Upper case found in data; Found at position(3)	SeqId(1)
W112	Upper case found in data; Found at position(4)	SeqId(1)
W112	Upper case found in data; Found at position(5)	SeqId(1)
W112	Upper case found in data; Found at position(6)	SeqId(1)
W112	Upper case found in data; Found at position(7)	SeqId(1)
W112	Upper case found in data; Found at position(8)	SeqId(1)
W112	Upper case found in data; Found at position(9)	SeqId(1)
W112	Upper case found in data; Found at position(10)	SeqId(1)
W112	Upper case found in data; Found at position(11)	SeqId(1)
W112	Upper case found in data; Found at position(12)	SeqId(1)
W112	Upper case found in data; Found at position(13)	SeqId(1)
W112	Upper case found in data; Found at position(14)	SeqId(1)
W112	Upper case found in data; Found at position(15)	SeqId(1)
W112	Upper case found in data; Found at position(16)	SeqId(1)
W112	Upper case found in data; Found at position(17)	SeqId(1)
W112	Upper case found in data; Found at position(18)	SeqId(1)
W112	Upper case found in data; Found at position(19)	SeqId(1)

This error has occurred more than 20 times, will not be displayed

W112	Upper case found in data; Found at position(0)	SEQID(3)
W112	Upper case found in data; Found at position(1)	SEQID(3)
W112	Upper case found in data; Found at position(2)	SEQID(3)
W112	Upper case found in data; Found at position(3)	SEQID(3)
W112	Upper case found in data; Found at position(4)	SEQID(3)
W112	Upper case found in data; Found at position(5)	SEQID(3)

W112 Upper case found in data; Found at position(6) SEQID(3)
W112 Upper case found in data; Found at position(7) SEQID(3)
W112 Upper case found in data; Found at position(8) SEQID(3)
W112 Upper case found in data; Found at position(9) SEQID(3)
W112 Upper case found in data; Found at position(10) SEQID(3)
W112 Upper case found in data; Found at position(11) SEQID(3)
W112 Upper case found in data; Found at position(12) SEQID(3)
W112 Upper case found in data; Found at position(13) SEQID(3)
W112 Upper case found in data; Found at position(14) SEQID(3)
W112 Upper case found in data; Found at position(15) SEQID(3)
W112 Upper case found in data; Found at position(16) SEQID(3)
W112 Upper case found in data; Found at position(17) SEQID(3)
W112 Upper case found in data; Found at position(18) SEQID(3)
W112 Upper case found in data; Found at position(19) SEQID(3)

This error has occurred more than 20 times, will not be displayed

W112 Upper case found in data; Found at position(0) SEQID(8)
W112 Upper case found in data; Found at position(1) SEQID(8)
W112 Upper case found in data; Found at position(2) SEQID(8)
W112 Upper case found in data; Found at position(3) SEQID(8)
W112 Upper case found in data; Found at position(4) SEQID(8)
W112 Upper case found in data; Found at position(5) SEQID(8)
W112 Upper case found in data; Found at position(6) SEQID(8)
W112 Upper case found in data; Found at position(7) SEQID(8)
W112 Upper case found in data; Found at position(8) SEQID(8)
W112 Upper case found in data; Found at position(9) SEQID(8)
W112 Upper case found in data; Found at position(10) SEQID(8)
W112 Upper case found in data; Found at position(11) SEQID(8)
W112 Upper case found in data; Found at position(12) SEQID(8)
W112 Upper case found in data; Found at position(13) SEQID(8)
W112 Upper case found in data; Found at position(14) SEQID(8)
W112 Upper case found in data; Found at position(15) SEQID(8)
W112 Upper case found in data; Found at position(16) SEQID(8)
W112 Upper case found in data; Found at position(17) SEQID(8)
W112 Upper case found in data; Found at position(18) SEQID(8)

W112 Upper case found in data; Found at position(19) SEQID(8)

This error has occurred more than 20 times, will not be displayed

B.

E330 Invalid protein , found in SEQID(15) POS (1)Invalid

Protein:CGGGA

E330 Invalid protein , found in SEQID(15) POS (2)Invalid

Protein:TCCAT
E330 Invalid protein , found in SEQID(15) POS (3) Invalid
Protein:GCTGG
E330 Invalid protein , found in SEQID(15) POS (4) Invalid
Protein:ACAGC
E330 Invalid protein , found in SEQID(15) POS (5) Invalid
Protein:AACAA
E330 Invalid protein , found in SEQID(15) POS (6) Invalid
Protein:CAG
E330 Invalid protein , found in SEQID(29) POS (1) Invalid
Protein:TTTGA
E330 Invalid protein , found in SEQID(29) POS (2) Invalid
Protein:GCATT
E330 Invalid protein , found in SEQID(29) POS (3) Invalid
Protein:CTGGC
E330 Invalid protein , found in SEQID(29) POS (4) Invalid
Protein:TTC
E330 Invalid protein , found in SEQID(30) POS (1) Invalid
Protein:AAACA
E330 Invalid protein , found in SEQID(30) POS (2) Invalid
Protein:GAGCA
E330 Invalid protein , found in SEQID(30) POS (3) Invalid
Protein:GGTCC
E330 Invalid protein , found in SEQID(30) POS (4) Invalid
Protein:CGGCA
E330 Invalid protein , found in SEQID(30) POS (5) Invalid
Protein:GAAAT
E330 Invalid protein , found in SEQID(30) POS (6) Invalid
Protein:AGT

<210> 1

<211> 78

<212> DNA

<213> S. cerevisiae

<400> 1

GGAAT TCGGC ACCAT GTGCT TCTGT AAATA GTGTA TTGTG TTTT AATGT 50

TGGAC TGGTT GGAAT AAAGC TCTAG AGC 78

A.

For SEQ ID # 1 through 21 and 23 through 30, "37 CFR 1.822 (c) Format representation of nucleotides.(1) A nucleotide sequence shall be listed

using the lowercase letter for representing the one-letter code for the nucleotide bases set forth in WIPO Standard ST.25 (1998) Appendix 2, Table 1."

Please make all necessary changes.

B.

For SEQ ID # 1 through 21 and 23 through 30, nucleotide bases must be in groups of ten nucleotides, and maximum of 60 per line.

2.

A.

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (2)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (3)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (4)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (5)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (6)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (7)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (8)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (9)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (10)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (11)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (12)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (13)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (14)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (15)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (16)

E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (17)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (18)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (19)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (20)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (21)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (22)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (23)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (24)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (25)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (26)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (27)
E224 <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (28) This error has occurred more than 20 times, will not be displayed

B.

E254 The total number of bases conflicts with running total
Input: 0, Calculated : 27 SEQID(2)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 26 SEQID(3)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 21 SEQID(4)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 20 SEQID(5)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 24 SEQID(6)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 27 SEQID(7)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 26 SEQID(8)
E254 The total number of bases conflicts with running total

Input: 0, Calculated : 21 SEQID(9)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 24 SEQID(10)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 24 SEQID(11)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 21 SEQID(12)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 22 SEQID(13)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 35 SEQID(14)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 31 SEQID(16)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 26 SEQID(17)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 41 SEQID(18)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 41 SEQID(19)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 25 SEQID(20)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 24 SEQID(21)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 30 SEQID(23)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 21 SEQID(24)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 19 SEQID(25)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 24 SEQID(26)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 20 SEQID(27)
E254 The total number of bases conflicts with running total
Input: 0, Calculated : 17 SEQID(28)
E253 The number of bases differs from <211> Input: 28
Calculated:0 SEQID (15)
E253 The number of bases differs from <211> Input: 18
Calculated:0 SEQID (29)
E253 The number of bases differs from <211> Input: 28
Calculated:0 SEQID (30)

<210> 2
<211> 27
<212> DNA
<213> Artificial sequence
<223> Primer directed to Aplysia cDNA
<400> 2
GCGGA ATTCG TNSAR GTNAT HCCNT GG

A.

For SEQ ID # 1 through 30, the mandatory feature used to describe the source of the genetic material of an "Artificial sequence" should consist of both numeric identifier <220> and numeric identifier <223>. Numeric identifier "<220> feature" should remain blank, and numeric identifier "<223> Other Information" should provide "Other relevant information, four lines maximum." The mandatory numeric identifier <220> is missing from all of these sequences. Please add the mandatory numeric identifier <220>, between numeric identifier <213> and <223> in these sequences.

B.

For SEQ ID # 1 through 21 and 23 through 30, the sequence rules require that "the enumeration of nucleotide bases shall start at the first base of the sequence with 1. The enumeration shall be continuous through the whole sequence in the direction 5' to 3'. The enumeration shall be marked in the right margin, next to the line containing the one-letter codes for bases, and giving the number of the last base of that line." The enumeration is not marked in the right margin. Please add the enumeration in the right margin.

3.

E253 The number of bases differs from <211> Input: 17
Calculated: 0
SEQID(22)

<210> 22
<211> 17

<212> PRT
<213> Artificial sequence
<223> C-terminal peptide of CPEB (CPEB77)

<400> 22

LCNSH QGNYF CRDLL CF

A.

For SEQ ID # 22, the sequence rules specify that amino acid must be shown using the "three-letter" abbreviations.

37 CFR

Sec. 1.822 Symbols and format to be used for nucleotide and/or amino acid sequence data.

(d) Representation of amino acids.

(1) The amino acids in a protein or peptide sequence shall be listed using the three-letter abbreviation with the first letter as an upper case character, as in WIPO Standard ST.25 (1998), Appendix 2, Table 3.

Please change the amino acids to the correct "three-letter" abbreviations.

B.

37 CFR

Sec. 1.822 Symbols and format to be used for nucleotide and/or amino acid sequence data.

(d) Representation of amino acids.

(4) ...the enumeration of amino acids shall start at the first amino acid at the amino terminal as number 1. It shall be marked below the sequence every 5 amino acids.

Please number the amino acids according to the sequence rules.

4.

E253 The number of bases differs from <211> Input: 37
Calculated:35 SEQID (14)

<210> 14
<211> 37

<212> DNA
<213> Artificial sequence
<223> Primer directed to Drosophila melanogaster cDNA

<400> 14

CCCTC GAGAA GCTTT TAACA CCAGC GAAAG GGGAC

For SEQ ID # 14, the number given for numeric identifier <211> must match the total number of bases found in the sequence. Numeric identifier <211> states there are 37 bases but, the total counted was 35. Please make all necessary changes.

5.
W402 Undefined organism found in <213> in SEQ ID (1)
W213 Artificial or Unknown found in <213> in SEQ ID (9)
W213 Artificial or Unknown found in <213> in SEQ ID (10)
W213 Artificial or Unknown found in <213> in SEQ ID (11)
W213 Artificial or Unknown found in <213> in SEQ ID (12)
W213 Artificial or Unknown found in <213> in SEQ ID (13)
W213 Artificial or Unknown found in <213> in SEQ ID (14)
W213 Artificial or Unknown found in <213> in SEQ ID (15)
W213 Artificial or Unknown found in <213> in SEQ ID (16)
W213 Artificial or Unknown found in <213> in SEQ ID (17)
W213 Artificial or Unknown found in <213> in SEQ ID (18)
W213 Artificial or Unknown found in <213> in SEQ ID (19)
W213 Artificial or Unknown found in <213> in SEQ ID (20)
W213 Artificial or Unknown found in <213> in SEQ ID (21)
W213 Artificial or Unknown found in <213> in SEQ ID (22)
W213 Artificial or Unknown found in <213> in SEQ ID (23)
W213 Artificial or Unknown found in <213> in SEQ ID (24)
W213 Artificial or Unknown found in <213> in SEQ ID (25)
W213 Artificial or Unknown found in <213> in SEQ ID (26)
W213 Artificial or Unknown found in <213> in SEQ ID (27)
W213 Artificial or Unknown found in <213> in SEQ ID (28) This error has occurred more than 20 times, will not be displayed

The warnings shown above are ok and require no response.

Application No: 10578203 Version No: 2.0

Input Set:**Output Set:**

Started: 2010-07-23 15:40:38.370
Finished: 2010-07-23 15:41:08.364
Elapsed: 0 hr(s) 0 min(s) 29 sec(s) 994 ms
Total Warnings: 762
Total Errors: 75
No. of SeqIDs Defined: 30
Actual SeqID Count: 30

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 112	Upper case found in data; Found at position(0) SeqId(1)
W 112	Upper case found in data; Found at position(1) SeqId(1)
W 112	Upper case found in data; Found at position(2) SeqId(1)
W 112	Upper case found in data; Found at position(3) SeqId(1)
W 112	Upper case found in data; Found at position(4) SeqId(1)
W 112	Upper case found in data; Found at position(5) SeqId(1)
W 112	Upper case found in data; Found at position(6) SeqId(1)
W 112	Upper case found in data; Found at position(7) SeqId(1)
W 112	Upper case found in data; Found at position(8) SeqId(1)
W 112	Upper case found in data; Found at position(9) SeqId(1)
W 112	Upper case found in data; Found at position(10) SeqId(1)
W 112	Upper case found in data; Found at position(11) SeqId(1)
W 112	Upper case found in data; Found at position(12) SeqId(1)
W 112	Upper case found in data; Found at position(13) SeqId(1)
W 112	Upper case found in data; Found at position(14) SeqId(1)
W 112	Upper case found in data; Found at position(15) SeqId(1)
W 112	Upper case found in data; Found at position(16) SeqId(1)
W 112	Upper case found in data; Found at position(17) SeqId(1)
W 112	Upper case found in data; Found at position(18) SeqId(1)

Input Set:

Output Set:

Started: 2010-07-23 15:40:38.370
Finished: 2010-07-23 15:41:08.364
Elapsed: 0 hr(s) 0 min(s) 29 sec(s) 994 ms
Total Warnings: 762
Total Errors: 75
No. of SeqIDs Defined: 30
Actual SeqID Count: 30

Error code	Error Description
W 112	Upper case found in data; Found at position(19) SeqId(1) This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (2)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 27 SEQID(2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (3)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 26 SEQID(3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (4)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 21 SEQID(4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (5)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 20 SEQID(5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (6)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 24 SEQID(6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)

Input Set:

Output Set:

Started: 2010-07-23 15:40:38.370

Finished: 2010-07-23 15:41:08.364

Elapsed: 0 hr(s) 0 min(s) 29 sec(s) 994 ms

Total Warnings: 762

Total Errors: 75

No. of SeqIDs Defined: 30

Actual SeqID Count: 30

Error code	Error Description
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (7)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 27 SEQID(7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (8)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 26 SEQID(8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (9)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 21 SEQID(9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (10)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 24 SEQID(10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (11)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 24 SEQID(11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (12)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 21 SEQID(12)

Input Set:

Output Set:

Started: 2010-07-23 15:40:38.370

Finished: 2010-07-23 15:41:08.364

Elapsed: 0 hr(s) 0 min(s) 29 sec(s) 994 ms

Total Warnings: 762

Total Errors: 75

No. of SeqIDs Defined: 30

Actual SeqID Count: 30

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (13)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 22 SEQID(13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (14)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 35 SEQID(14)
E 253	The number of bases differs from <211> Input: 37 Calculated:35
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (15)
E 330	Invalid protein , found in SEQID(15) POS (1)Invalid Protein:CGGGA
E 330	Invalid protein , found in SEQID(15) POS (2)Invalid Protein:TCCAT
E 330	Invalid protein , found in SEQID(15) POS (3)Invalid Protein:GCTGG
E 330	Invalid protein , found in SEQID(15) POS (4)Invalid Protein:ACAGC
E 330	Invalid protein , found in SEQID(15) POS (5)Invalid Protein:AACAA
E 330	Invalid protein , found in SEQID(15) POS (6)Invalid Protein:CAG
E 253	The number of bases differs from <211> Input: 28 Calculated:0
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (16)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 31 SEQID(16)

Input Set:

Output Set:

Started: 2010-07-23 15:40:38.370

Finished: 2010-07-23 15:41:08.364

Elapsed: 0 hr(s) 0 min(s) 29 sec(s) 994 ms

Total Warnings: 762

Total Errors: 75

No. of SeqIDs Defined: 30

Actual SeqID Count: 30

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (17)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 26 SEQID(17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (18)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 41 SEQID(18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (19)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 41 SEQID(19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (20)
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 25 SEQID(20)
W 213	Artificial or Unknown found in <213> in SEQ ID (21) This error has occurred more than 20 times, will not be displayed
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (21) This error has occurred more than 20 times, will not be displayed
E 254	The total number of bases conflicts with running total Input: 0, Calculated : 24 SEQID(21)
E 331	Count of Protein differs from the <211> tag Input: 17
E 254	The total number of bases conflicts with running total Input: 0,

Input Set:

Output Set:

Started: 2010-07-23 15:40:38.370
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Elapsed: 0 hr(s) 0 min(s) 29 sec(s) 994 ms
Total Warnings: 762
Total Errors: 75
No. of SeqIDs Defined: 30
Actual SeqID Count: 30

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
E 330	Invalid protein , found in SEQID(29) POS (1)Invalid Protein:TTTGA
E 330	Invalid protein , found in SEQID(29) POS (2)Invalid Protein:GCATT
E 330	Invalid protein , found in SEQID(29) POS (3)Invalid Protein:CTGGC
E 330	Invalid protein , found in SEQID(29) POS (4)Invalid Protein:TTC
E 253	The number of bases differs from <211> Input: 18 Calculated:0
E 330	Invalid protein , found in SEQID(30) POS (1)Invalid Protein:AAACA
E 330	Invalid protein , found in SEQID(30) POS (2)Invalid Protein:GAGCA
E 330	Invalid protein , found in SEQID(30) POS (3)Invalid Protein:GGTCC
E 330	Invalid protein , found in SEQID(30) POS (4)Invalid Protein:CGGCA
E 330	Invalid protein , found in SEQID(30) POS (5)Invalid Protein:GAAAT
E 330	Invalid protein , found in SEQID(30) POS (6)Invalid Protein:AGT
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<110> Kausik Si and Eric Kandel

<120> Prion-like form of CPEB and related compositions and methods

<130> 68103/JPW/BJA

<140> 10578203

<141> 2010-07-23

<150> PCT/US04/36781

<151> 2004-11-05

<150> 60/518,385

<151> 2003-11-07

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<400> 7

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<400> 12

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<210> 13
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<400> 13

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<210> 14
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<400> 15

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<212> PRT

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<223> C-terminal peptide of CPEB (CPEB77)

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<210> 23

<211> 30
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<210> 24
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<223> Primer directed to Aplysia sensorin RNA

<400> 24

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<210> 25
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<400> 30

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